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Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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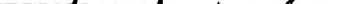
Complete If Known	
Application Number	10/087,81
Filing Date	March 1, 2002
First Named Inventor	Grube et al.
Group Art Unit	2812
Examiner Name	Not Known
Attorney Docket No.	P177-US

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

**OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>

Examiner Signature		Date Considered	4/19/04
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



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Sheet	1	of	2	Attorney Docket No.	P177-US
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### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code <sup>2</sup>			
AKW	1	3849728		Evans	11/19/1974	
	2	4480223		Aigo	10/30/1984	
	3	4567432		Buol et al.	1/28/1986	
	4	4837622		Whann et al.	6/6/1989	
	5	4899099		Mendenhall et al.	2/6/1990	
	6	4983907		Crowley	1/8/1991	
	7	4994735		Leedy	2/19/1991	
	8	5090118		Kwon et al.	2/25/1992	
	9	5103557		Leedy	4/14/1992	
	10	5148103		Pasiecznik, Jr.	9/15/1992	
	11	5162728		Huppenthal	11/10/1992	
	12	5177439		Liu et al.	1/5/1993	
	13	5185502		Shepherd et al.	2/9/1993	
	14	5191708		Kasukabe et al.	3/9/1993	
	15	5225777		Bross et al.	7/6/1993	
	16	5308443		Sugihara	5/3/1994	
	17	5399982		Driller et al.	3/21/1995	
	18	5513430		Yanof et al.	5/7/1996	
	19	5521518		Higgins	5/28/1996	
	20	5534784		Lum et al.	7/9/1996	
	21	5701666		DeHaven et al.	12/30/1997	
	22	5736850		Legal	4/7/1998	
	23	5806181		Khandros et al.	9/15/1998	
	24	5821763		Beaman et al.	10/13/1998	
	25	5828226		Higgins et al.	10/27/1998	

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		Filing Date	March 1, 2002		
		First Named Inventor	Grube et al.		
		Group Art Unit	2812		
		Examiner Name	Not Known		
Sheet	2	of	2	Attorney Docket No.	P177-US

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U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code <sup>2</sup>			
AW	26	5974662		Eldridge et al.	11/2/1999	
	27	6014032		Maddix et al.	1/11/2000	
	28	6043563		Eldridge et al.	3/28/2000	
	29	6050829		Eldridge et al.	4/18/2000	
	30	6133744		Yajima et al.	10/17/2000	
	31	6160412		Martel et al.	12/12/2000	
	32	6174744	B1	Watanabe et al.	1/16/2001	
	33	6184576	B1	Jones et al.	2/6/2001	
	34	6188231	B1	Palagonia	2/13/2001	
	35	6289583	B1	Belmont et al.	9/18/2001	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
AW	36	EP	802419	A2	Soejima et al.	10/11/1997		
	37	JP	05-029406		Nakao	2/5/1993	x	
	38	JP	06-050990		Kazami	2/25/1994	x	
	39	JP	08-015318		Suzuki et al.	1/19/1996	x	
	40	WO	00/33096		Eldridge et al.	6/8/2000		
	41	WO	00/75677		Eslamy et al.	12/14/2000		
	42	WO	98/52224		Pedersen et al.	11/19/1998		

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AW	43	LEUNG et al., "Active Substrate Membrane Probe Card," Center For Integrated Systems Stanford University (Oct. 12, 1995) .				

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